

iodoheptafluorocyclobutane, 1-iodopentadecafluoroheptane, iodopentafluorocyclopropane, 1-iodotridecafluorohexane, 1-iodoundecafluoropentane, N-iodobis-(trifluoromethyl)amine, 1,1,2,2,3,3,4,4,4-nonafluoro-1-iodobutane, 1,1,2,2,3,3,4,4-octafluoro-1,4-diiodobutane, pentafluoroiodoethane, 1,1,2,2-tetrafluoro-1,2-diiodoethane, 1,1,2,2-tetrafluoro-1-iodoethane, 1,1,2-trifluoro-1-iodoethane, trifluoroiodomethane, and trifluoromethyl-1,1,2,2-tetrafluoro-2-iodoethyl ether.

169. A method of claim 185, wherein the fluoroiodocarbon is selected from the group consisting of bromodifluoroiodomethane, chlorodifluoroiodomethane, 1,1,2,2,3,3,4,4,5,5-decafluoro-1,5-diiodopentane, 1,2,2,3,3,4,4,5,5,6,6-dodecafluoro-1,6-diiodohexane, 1,1,2,2,3,3-hexafluoro-1,3-diiodopropane, 1-iodoheptadecafluorooctane, iodoheptafluorocyclobutane, 1-iodopentadecafluoroheptane, iodopentafluorocyclopropane, 1-iodoundecafluoropentane, N-iodobis(trifluoromethyl)amine, 1,1,2,2,3,3,4,4,4-nonafluoro-1-iodobutane, 1,1,2,2,3,3,4,4-octafluoro-1,4-diiodobutane, 1,1,2,2-tetrafluoro-1,2-diiodoethane, and trifluoromethyl-1,1,2,2-tetrafluoro-2-iodoethyl ether.

171. The method of claim 186, wherein the fluoroiodocarbon is selected from the group consisting of bromodifluoroiodomethane, chlorodifluoroiodomethane, 1,1,2,2,3,3,4,4,5,5-decafluoro-1,5-diiodopentane, difluorodiodomethane, difluoroiodomethane, 1,2,2,3,3,4,4,5,5,6,6-dodecafluoro-1,6-diiodohexane, fluoroiodomethane, 1,1,1,2,3,3,3-heptafluoro-2-iodopropane, 1,1,2,2,3,3,3-heptafluoro-1-iodopropane, 1,1,2,2,3,3-hexafluoro-1,3-diiodopropane, 1-iodoheptadecafluorooctane, iodoheptafluorocyclobutane, 1-iodopentadecafluoroheptane, iodopentafluorocyclopropane, 1-iodotridecafluorohexane, 1-iodoundecafluoropentane, N-iodobis-(trifluoromethyl)amine,

1,1,2,2,3,3,4,4,4-nonafluoro-1-iodobutane, 1,1,2,2,3,3,4,4-octafluoro-1,4-diiodobutane, pentafluoroiodoethane, 1,1,2,2-tetrafluoro-1,2-diiodoethane, 1,1,2,2-tetrafluoro-1-iodoethane, 1,1,2-trifluoro-1-iodoethane, trifluoroiodomethane, and trifluoromethyl-1,1,2,2-tetrafluoro-2-iodoethyl ether.

177. A method of claim 186, wherein the fluoriodocarbon is selected from the group consisting of bromodifluoroiodomethane, chlorodifluoroiodomethane, 1,1,2,2,3,3,4,4,5,5-decafluoro-1,5-diiodopentane, 1,2,2,3,3,4,4,5,5,6-dodecafluoro-1,6-diiodohexane, 1,1,2,2,3,3-hexafluoro-1,3-diiodopropane, 1-iodoheptadecafluorooctane, iodoheptafluorocyclobutane, 1-iodopentadecafluoroheptane, iodopentafluorocyclopropane, 1-iodoundecafluoropentane, n-iodobis-(trifluoromethyl)amine, 1,1,2,2,3,3,4,4-nonafluoro-1-iodobutane, 1,1,2,2,3,3,4,4-octafluoro-1,4-diiodobutane, 1,1,2,2-tetrafluoro-1,2-diiodoethane and trifluoromethyl-1,1,2,2-tetrafluoro-2-iodoethyl ether.

178. The method of claim 185, wherein the fluoriodocarbon is of the formula $C_aH_bBr_cCl_dF_eI_fN_gO_h$, wherein a is between and including 1 and 8, b is between and including 0 and 2, c, d, g, and h are each between and including 0 and 1, e is between and including 1 and 17, and f is between and including 1 and 2.

179. The method of claim 185, wherein the fluoriodocarbon is selected from the group consisting of CF_3I , $CF_3CF_2CF_2I$ and $CF_3CF_2CF_2CF_2I$.

Please add the following claims 185-188:

--185. (NEW) A method of using a fire extinguishing agent, comprising the steps of:

(a) providing a fire-extinguishing agent consisting essentially of an azeotropic or near azeotropic blend of fluoroiodocarbon and at least one fluoroether in a discharge apparatus; and

(b) discharging a fire-extinguishing amount of the fire-extinguishing agent from the discharge apparatus into contact with a combustible or flammable material

wherein the fluoroether is selected from the group consisting of bis-difluoromethyl ether, methyl trifluoromethyl ether, octafluoro-1,3-dioxolane, 1,1,2',2',2'-pentafluoro methyl ethyl ether, perfluorodimethoxymethane, perfluorodimethyl ether, perfluorooxetane, difluoromethyl trifluoromethyl ether, trifluoromethyl pentafluoroethyl ether and trifluoromethyl 1,1,2,2-tetrafluoroethyl ether.--

--186. (NEW) A method of using a fire extinguishing agent, comprising the steps of:

(a) providing a fire-extinguishing agent comprising a blend of a fluoroiodocarbon and at least one fluoroether in a discharge apparatus; and

(b) discharging a fire-extinguishing amount of the fire-extinguishing agent from the discharge apparatus into contact with a combustible or flammable material,

wherein the fluoroether is selected from the group consisting of bis-difluoromethyl ether, methyl trifluoromethyl ether, octafluoro-1,3-dioxolane, 1,1,2',2',2'-pentafluoro methyl ethyl ether, perfluorodimethoxymethane, perfluorodimethyl ether, perfluorooxetane, difluoromethyl trifluoromethyl ether, trifluoromethyl pentafluoroethyl ether and trifluoromethyl 1,1,2,2-tetrafluoroethyl ether.--

--187. The method of claim 186, wherein the fluoroiodocarbon is of the formula $C_aH_bBr_cCl_dF_eI_fN_gO_h$, wherein a is between and including 1 and 8, b is between and including 0

and 2, c, d, g, and h are each between and including 0 and 1, e is between and including 1 and 17, and f is between and including 1 and 2.--

--188. The method of claim 186, wherein the fluoriodocarbon is selected from the group consisting of CF_3I , $\text{CF}_3\text{CF}_2\text{CF}_2\text{I}$ and $\text{CF}_3\text{CF}_2\text{CF}_2\text{CF}_2\text{I}$.--